

<p align="center"><b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary) PTO-1449 (modified)</p>	<p>Atty. Docket #  ANR 2950 US</p>	<p>Serial No.  10/619,991</p>
	<p>Applicant Mestach, D. et al.</p>	
	<p>Filing Date July 15, 2003</p>	<p>Group Art Unit</p>
<p><b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, etc.) (continued from page 2)</p>		
	<p>Matyjaszewski, K., "Classification and Comparison of Various Controlled/"Living" Radical Polymerizations," Polym. Prep. (ASC, Div. Polym. Chem.), Vol. 40, No. 2 (1999), p.p. 309-310.</p>	
	<p>Derwent Abstract Number 1999:558824 abstracting Matyjaszewski, Polym. Prepr. (Am. Chem. Soc., Div. Polym. Chem.) (1999), 40(2), pp. 309-310.</p>	
	<p>Barson, et al., "Iodoform as a transfer agent in radical polymerizations," Polymer, Vol. 37, No. 25 (1996), p.p. 5699-5702.</p>	
	<p>English language abstract of Kobunshi Ronbunshu, Vol. 49, No. 10 (1992), p.p. 765-783.</p>	
	<p>Abstract from the Book of Abstracts, 218<sup>th</sup> ACS National Meeting, New Orleans, Aug. 22-26 (1999) abstracting POLY-042.</p>	
	<p>Abstract from the Book of Abstracts, 218<sup>th</sup> ACS National Meeting, New Orleans, Aug. 22-26 (1999) abstracting POLY-525.</p>	
	<p>Puts, et al., "Telechelic Acrylic Polymers Using Degenerative Iodine Transfer Polymerization," Polym. Prepr. (ACS, Div. Polym. Chem.), Vol. 40, No. 2 (1999), p. 415.</p>	
	<p>Abbey, et al., "Reactive Dimers of Methacrylates by Metal Catalyzed Chain Transfer," Polym. Mater. Sci. Eng., Vol. 55 (1986), p. p. 235-238.</p>	
	<p>De León-Sáenz et al., "New insights into the mechanism of 1,2-bis(trimethyl-silyloxy)-tetraphenylethane-induced free radical polymerization: application to the synthesis of block and graft copolymers," Macromol. Chem. Phys., Vol. 201, No. 1 (2000), p.p. 74-83.</p>	
	<p>Balczewski et al., "Iodine atom transfer addition reaction of 1-iodoalkyl phosphonates to alkenes in the presence of <math>\alpha,\alpha'</math>-azoisobutyronitrile (AIBN): mechanistic aspects," New J. Chem., Vol. 25 (2001), p.p. 659-663.</p>	
	<p>Muller, et al., "Kinetic Analysis of "Living" Polymerization Processes Exhibiting Slow Equilibria," Macromolecules 1995, Vol. 28, Number 12, p.p. 4326-4333.</p>	
<p><b>EXAMINER</b></p>	<p><b>DATE CONSIDERED</b></p>	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

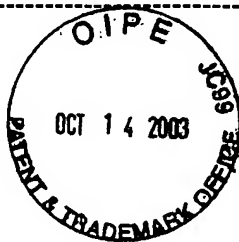
TRANSMITTAL LETTER

In re Application of:  
MESTACH, D. et al.

Serial No.: 10/619,991  
Filing Date: July 15, 2003

Title: METHOD FOR POLYMERIZING  
ETHYLENICALLY UNSATURATED  
MONOMERS BY DEGENERATIVE  
IODINE TRANSFER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



:  
: Docket: ANR 2950 US  
:  
: Examiner: ----  
:  
: Group Art Unit: ----  
:

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Alexandria, VA 22313-1450

on October 10, 2003

Lynn Brush  
Lynn Brush

Sir:

☒ Transmitted herewith find the document(s) related to this application:

1. TRANSMITTAL LETTER IN DUPLICATE;
2. INFORMATION DISCLOSURE STATEMENT;
3. PTO-1449 FORM;
4. DOCUMENTS (47);
5. CERTIFICATE OF MAILING; and
6. POST CARD

- ☐ Applicant hereby petitions for an extension of time under 37 CFR 1.136 of:
- |  |  |
|--|--|
| <input type="checkbox"/> One Month (\$110.00)    | <input type="checkbox"/> Two Months (\$420.00)   |
| <input type="checkbox"/> Three Months (\$950.00) | <input type="checkbox"/> Four Months (\$1480.00) |
- ☐ Additional claims are presented. The fee therefore is:

The total fee believed due is \$0.00. Please charge this amount and any other fees which may be due (including filing fees under 37 CFR 1.16 and processing fees under 37 CFR 1.17) to Deposit Account No. 01-1350. If an extension of time is required but has not been requested above, Applicant hereby petitions for an extension of time sufficient for the attached document(s) to be timely. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Michelle J. Burke  
Michelle J. Burke  
Attorney for Applicant(s)  
Reg. No. 37,791

Akzo Nobel Inc.  
Intellectual Property Department  
7 Livingstone Avenue  
Dobbs Ferry, NY 10522-3408  
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:  
MESTACH, D. et al.

Serial No.: 10/619,991  
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on October 10, 2003

Lynn Brush  
Lynn Brush

INFORMATION DISCLOSURE STATEMENT

In accordance with the requirements of 37 CFR §1.56, applicants submit the documents attached hereto to be made of record in the above-identified case. A listing of said documents on form PTO-1449 is also attached.

The present Information Disclosure Statement is being filed within three months of the filing date; therefore, no filing fee is believed to be required. If a filing fee is required, the Commissioner is hereby authorized to charge applicants' deposit account 01-1350 for the full amount of said fee.

A copy of the European Search Report dated November 28, 2002 is enclosed herewith.

This Statement is not intended to represent that no better art exists. Applicants reserve the right to contest the applicability of the documents attached hereto as prior art in the event that any information is discovered which demonstrates that said documents do not qualify as prior art.

Consideration of the present Information Disclosure Statement is respectfully requested. The claimed invention is, however, deemed to represent a patentable departure from the teachings of the prior art.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michelle J. Burke". The signature is fluid and cursive, with the first and last names being more prominent than the middle initial.

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Attorney for Applicant(s)  
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				<b>Filing Date</b> July 15, 2003		<b>Group Art Unit</b>	
<b>U.S. PATENT DOCUMENTS</b>							
<b>Init</b>	<b>Document Number</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	<b>Filing Date</b>	
	3,983,187	09-1976	Moczygemba et al.	260	880 R		
	4,055,713	10-1977	Moczygemba et al.	526	207		
	4,158,678	06-1979	Tatemoto et al.	260	884		
	5,359,018	10-1994	Yeh	526	221		
	5,371,151	12-1994	Berge et al.	525	377		
	5,399,641	03-1995	Yeh	526	221		
	5,439,980	08-1995	Yutani et al.	525	276		
	5,578,544	11-1996	Yeh	502	226		
	6,143,848	11-2000	Lee et al.	526	212		
<b>FOREIGN PATENT DOCUMENTS</b>							
	<b>Document Number</b>	<b>Publ. Date</b>	<b>Country</b>	<b>Class</b>	<b>Subclass</b>	<b>Translation</b>	
						<b>Yes</b>	<b>No</b>
	489 370 B1	06-1992	European Patent Office	C08F	20/12		
	947 527 A1	10-1999	European Patent Office	C08F	293/00		
	WO 02/061641 A1	08-2002	PCT International (with English Abstract)	G06F	71/60		X
	4-132706	05-1992	Japan	C08F	8/12		X
	4-149207	05-1992	Japan	C08F	8/00		X
	11-140127	05-1999	Japan	C08F	20/12		X
	2000-86710	03-2000	Japan	C08F	2/38		X
	2000-327713	11-2000	Japan	C08F	8/00		X
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) continued on page 2 of 2</b>							
	European Search Report Application No. EP 02 07 8523 dated November 28, 2002.						
	Patent Abstracts of Japan abstracting JP 4-132706 (1992).						
	Patent Abstracts of Japan abstracting JP 4-149207 (1992).						
	Patent Abstracts of Japan abstracting JP 11-140127 (1999).						
	Patent Abstracts of Japan abstracting JP 2000-86710.						
	Patent Abstracts of Japan abstracting JP 2000-327713.						
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	Matyjaszewski, et al., "'Living' and Controlled Radical Polymerization," Journal of Physical Organic Chemistry, Vol. 8, No. 4 (1995) p.p. 306-315.	
	Gaynor, et al., "Controlled Radical Polymerization by Degenerative Transfer : Effect of the Structure of the Transfer Agent," Macromolecules 1995, Vol. 28, No. 24, p.p. 8051-8056.	
	Butt� et al., "Miniemulsion Living Free Radical Polymerization of Styrene," Macromolecules 2000, Vol. 33, No. 9, p.p. 3485-3487.	
	Lansalot, et al., "Controlled Free-Radical Miniemulsion Polymerization of Styrene Using Degenerative Transfer," Macromolecules 1999, Vol. 32, No. 22, p.p. 7354-7360.	
	Goto, et al., "Mechanism and Kinetics of Iodide-Mediated Polymerization of Styrene," Macromolecules 1998, Vol. 31, No. 9, p.p. 2809-2814.	
	Matyjaszewski, et al., "Controlled Radical Polymerizations : The Use of Alkyl Iodides in Degenerative Transfer," Macromolecules 1995, Vol. 28, No. 6, p.p. 2093-2095.	
	Farcet, et al., "Polystyrene- <i>block</i> -poly(butyl acrylate) and polystyrene- <i>block</i> -poly[butyl acrylate)- <i>co</i> -styrene] block copolymers prepared via controlled free-radical miniemulsion polymerization using degenerative iodine transfer," Macromol. Rapid Commun. 2000, Vol. 21, No. 13, p.p. 921-926.	
	Website document for Klumperman, B. at the UNESCO School & South African IUPAC conference on Macromolecular and Materials Science, March 29-31, 1999.	
	Website document for Klumperman, B. at the UNESCO School & South African IUPAC conference on Macromolecular and Materials Science, April 10-12, 2000.	
	Lissi et al., "Methyl Methacrylate Polymerization in the Presence of Iodine," J. Polym. Sci., Polymer Letters Edition, Vol. 14, No. 8 (1976); p.p. 499-502.	
	Derwent Abstract Number 1976:494752 abstracting Lissi et al., J. Polym. Sci., Polym. Lett. Ed. (1976), 14(8), p.p. 499-502.	
	Ghosh et al., "Chain Transfer in Presence of Halogens in the Polymerization of Methylmethacrylate," J. Polym. Sci., Polymer Letters Edition, Vol. 13, No. 1 (1975), p.p. 35-38.	
	Derwent Abstract Number 1975:125644 abstracting Ghosh et al., J. Polym. Sci., Polym. Lett. Ed. (1975), 13(1), p.p. 35-38.	
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